Omnicast™

IP Video Surveillance

See it all. All the time.

Omnicast™ is the IP video management system that enables organizations of all sizes to deploy a surveillance system that can scale and adapt to the changing demands of any security environment.

Genetec™

Innovative **Solutions**

Be Secure. Today and Tomorrow.

Omnicast™ provides you with the flexibility to grow your system over time, ensuring you are never locked into a proprietary solution. With fielded deployments of up to 150,000 cameras, and support for an unrestricted number of workstations, its powerful architecture allows you to reliably scale with the assurance that your day-to-day operations will not be disrupted. And with built-in and advanced security mechanisms, you can prevent unauthorized access and protect everyone's privacy.
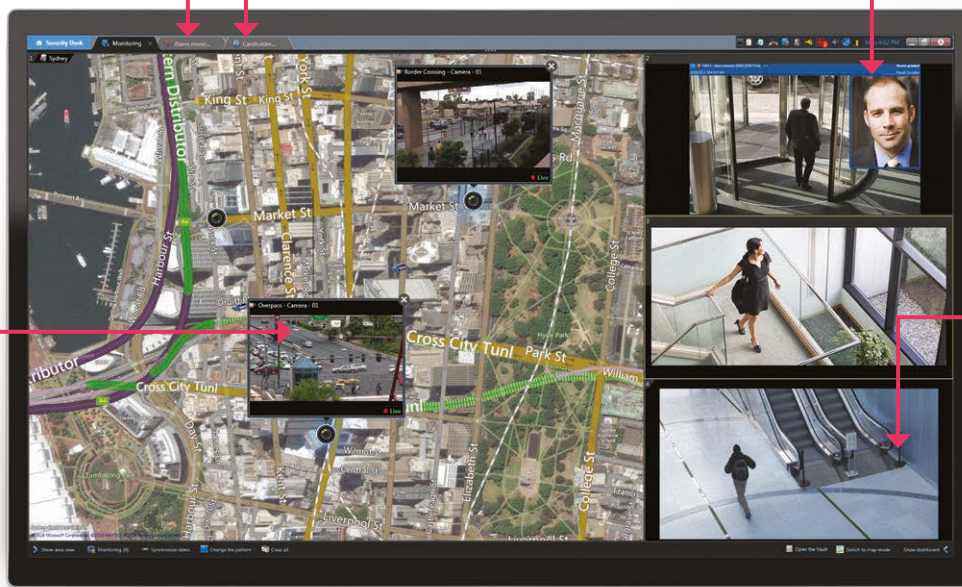
Multi-Task View

Keep multiple tasks open at the same time, allowing operators to see and do more, such as monitor video, search archives, and pull reports.

Unified Access Control

Verify cardholder pictures against live or recorded video associated to access control events for every door within any monitoring or reporting task.

Dynamic Interactive Maps

Efficiently monitor and manage all your sites with interactive maps that provide a dynamic view of all security devices, alarms, and system statuses.

Push Live Video from Security Center Mobile

Capture and send live video from smartphones using Security Center Mobile, enabling operators at their workstation to view events from the field.

Omnicast™ Benefits

Deep Integrations with the Hardware of Your Choice

With support for thousands of IP cameras, you can freely select the edge devices of your choice. Omnicast™ is built with an open architecture that allows you to choose from a broad ecosystem of leading edge device and server partners, and ensures that your investment is not locked into a proprietary solution.

Manage More Cameras on Your Network

As the industry's leading video management system, Omnicast™ is deployed in some of the world's largest and most demanding video surveillance applications. An advanced architecture allows you to grow your system whenever required, and highly flexible features help you optimize video streaming and reduce the load on the network.

Achieve Greater Security Through Unification

Through unification with access control, video analytics, and intrusion systems, Omnicast™ helps you achieve greater awareness of your security environment. By providing a seamless view of cameras and notifications from additional security systems on the network, Omnicast™ enables operators to rapidly respond to incidents, and equips them with powerful search and reporting tools to help accelerate their investigations.

Security that Evolves with You.

As part of Genetec's Security Center united platform, Omnicast™ allows you to achieve greater security by unifying your video surveillance system with other security and business systems. Leveraging additional capabilities within a single intuitive interface lets you seamlessly control all operations and rapidly respond to emerging situations.

Intrusion and Perimeter Detection

Video Analytics

Access Control

Mobile Apps and Web Client

Point-of-Sale

License Plate Recognition

Intercom

Federation™ (Centralized monitoring and reporting across multiple sites)

Dynamic Interactive Maps

Security Center Cloud Services

Omnicast™ Key Features

Reduce Your Video Hardware Footprint

Cloud Archives - This hybrid cloud service enables organizations to transfer archived video recorded on-premises to the cloud, in order to easily increase their available storage capacity, without the need to invest in additional servers.

GPU-Accelerated Decoding - Display more cameras and review video with greater fluidity from a single workstation with the ability to leverage graphics cards and embedded graphics processing units (GPU) to rapidly decode high-resolution video.

Optimized Recording Throughput - Take advantage of a highly scalable VMS to reduce your on-site hardware, with a solution that has been tested to support up to 700Mbps of total throughput on certified appliances.

Video You Can Rely On

Failover and Redundancy - Count on the availability of your video recordings and access to your cameras whenever you need them with built-in failover and redundancy mechanisms that protect against hardware failure or network interruptions.

Health Monitoring - Receive real-time notification of system status and health-related events, and generate statistics on the health of your system through a dedicated engine to help optimize system performance.

End-to-End Data Security and Privacy - Achieve greater security of your sensitive data with secured communications between clients, servers, and edge devices, the ability to encrypt video in transit or at rest, and exported video.

Choose Software-Only or Pre-Loaded Appliances

Omnicast™ Software Packages

Omnicast™ video management software is available in a variety of packages to fit the size and needs of your security applications. You can easily modify your package with a simple license update as your needs evolve.

PACKAGE OVERVIEW			
	STANDARD	PRO	ENTERPRISE
Maximum Number of Cameras	50	250	Unrestricted
Maximum Numbers of Clients	5	10	Unrestricted
Number of Archivers	1	20	Unrestricted
Plan Manager	●	●	●
Cloud Archives	●	●	●
GPU-Accelerated Video Decoding	●	●	●
Video Stream & Recording Encryption with AES-128	●	●	●
Federation™-as-a-Service	●	●	●
H.265 Support	●	●	●
Remote Security Desk		●	●
Native Archiver & Directory Failover			○
Federation™ *			○

● Included or Supported   ○ Optional   * Main Federation™ server must be Enterprise. Federating sites can be Standard, Pro, or Enterprise.

Turnkey Network Security Appliances

Genetec's network security appliances provide access to certified, turnkey solutions with Security Center pre-installed, allowing you to rapidly deploy your next video surveillance system. These network appliances are simple to install, configure and maintain, and provide wide support for industry-leading cameras and edge devices.

SV-16 v3
Supports up to 16 cameras

SV-32 v2
Supports up to 32 cameras

SV-PRO
Supports up to 100 cameras

BCDVIDEO NOVA SERIES
Supports up to 500 cameras

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